

LISTING OF CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application:

1-3. **(Canceled)**.

4. **(Currently Amended)** A method for determining whether a composition modulates Pin1 activity, said method comprising:

incubating the composition with Pin1 protein or a functional fragment thereof, or with a recombinant cell expressing Pin1 or a functional fragment thereof, under conditions sufficient to allow the components to interact; and

determining the effect of the ~~substance~~ composition on Pin1 activity ~~or expression~~.

5-6. **(Canceled)**.

7. **(New)** The method of claim 4, wherein the method comprises determining whether the composition inhibits Pin1 activity.

8. **(New)** The method of claim 4, wherein the method comprises determining whether the composition stimulates Pin1 activity.

9. **(New)** The method of claim 4, wherein the Pin1 activity is protein-protein interaction.

10. **(New)** The method of claim 4, wherein the Pin1 activity is peptidyl-prolyl isomerase activity.

11. **(New)** The method of claim 4, wherein the Pin1 protein comprises the amino acid sequence set forth in SEQ ID NO: 2.

12. **(New)** The method of claim 4, wherein the Pin1 protein consists of the amino acid sequence set forth in SEQ ID NO: 2.

13. **(New)** The method of claim 4, wherein the Pin1 protein comprises a functional fragment of the amino acid sequence set forth in SEQ ID NO: 2.

14. **(New)** The method of claim 13, wherein the functional fragment has protein-protein interaction activity.

15. **(New)** The method of claim 13, wherein the functional fragment has peptidyl-prolyl isomerase activity.

16. **(New)** The method of claim 13, wherein the functional fragment comprises at least amino acid residues 59-163 of SEQ ID NO: 2.

17. **(New)** The method of claim 13, wherein the functional fragment comprises at least amino acid residues 5-43 of SEQ ID NO: 2.

18. **(New)** The method of claim 4, wherein the functional fragment consists of a C-terminal fragment of Pin1 comprising at least amino acid residues 59-163 of SEQ ID NO: 2.

19. **(New)** The method of claim 4, wherein the functional fragment consists of an N-terminal fragment of Pin1 comprising at least amino acid residues 5-43 of SEQ ID NO: 2.